

Successor series is "8332C".

(We hereby inform you that we will discontinue 8332A Series, effective 31 December 2022.)

Spotlight-Type UV-LED Light Irradiation Unit

(Available only in Asia)

Carefully selected operability/functionality/
light irradiation variations

Controller that is easy to use and provides
carefully selected functionality

a wavelength of 365nm and 11,000mW/cm²* power
*When using a φ3mm spotlight lens

Makes use of a reliable UV-LED to achieve stable irradiating
power

Low power consumption of 25W and long 20,000 hour lifespan

It is possible to drastically reduce running costs when compared
to lamp-type solutions

4 head independent control

This single unit allows for 4 head independent ON/OFF control
and timed lighting

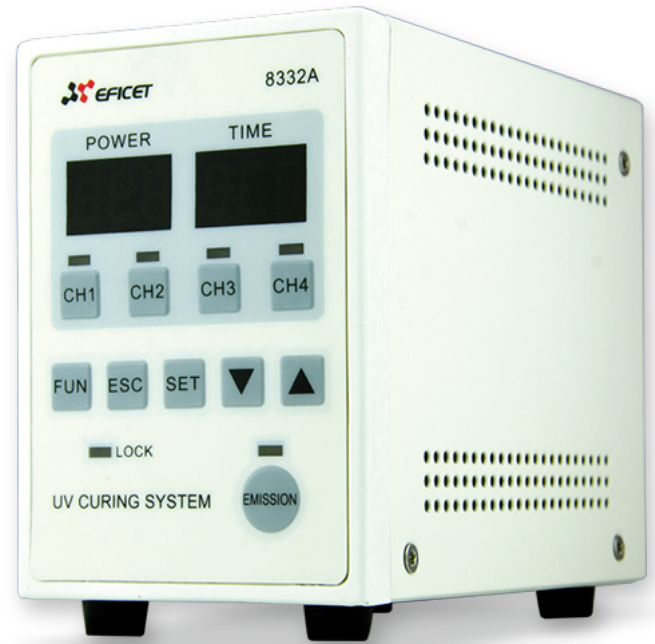
Equipped with an I/O port and RS-232C communication

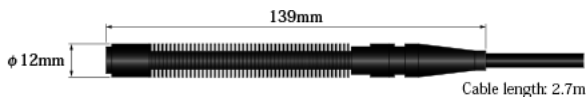
It is possible to perform light irradiation pattern control using
external control

Light irradiation variations that meet
a diverse range of needs

It is possible to select a head that is optimal
for the installation environment

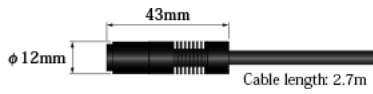
The chassis has been designed for superior heat dissipation, and
the "Standard





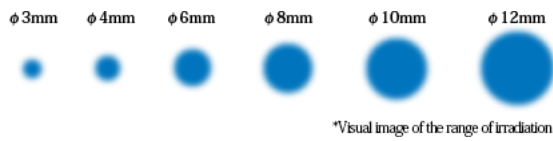
With a light-weight and compact design, the "Compact Head" can be installed in compact spaces

*When fastening the Compact Head, please use the included attachment fixture

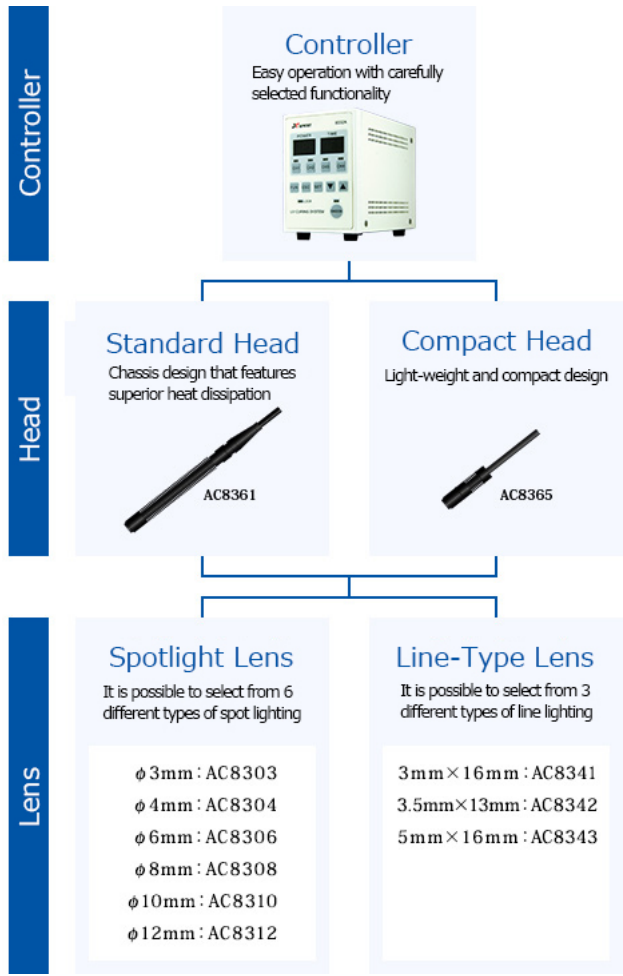


It is possible to select the optimal light irradiation configuration that matches your adhesion conditions

With 6 different spotlight sizes, the "Spotlight Lens" provides you with optimal lighting Spotlight Lens



With 3 different line lighting sizes, the "Line-Type Lens" provides you with optimal lighting



Product Outline

● Specifications

Controller Head Spotlight Lens

Controller

Model Name	8332A	
	<p>Successor series is "8332C".</p> <p>(We hereby inform you that we will discontinue 8332A Series, effective 31 December 2022.)</p>	
Irradiation Method	Timed Irradiation	Dimming values (1 to 100%), irradiation time (0.1 to 999 seconds)
	Constant Irradiation	Dimming values (1 to 100%), light irradiation time is determined by external signal
Control/Communication Board	I/O Input	Light irradiation ON/OFF (response speed 20ms), data bank switching, inter-locking
	I/O Output	Light irradiation status output, alert output, error output
	RS-232C	Light irradiation control and configuration/loading of setting parameters

Error Detection	Head disconnected, short circuit/disconnection, abnormal temperature
Display Method	Digital display
Number of Light Irradiation Ports	4
Input Voltage	AC100 to 240V 50/60Hz (AC adapter included)
Power Consumption	25W max.
Cooling Method	Natural air-cooling (no fan)
Vibration (Resistance)	10 to 150Hz, acceleration: 50m/s ² , half amplitude: 0.35mm 10 cycles/8 minutes in x/y/z direction
Shock (Resistance)	Height: 1.5m, 3 cycles in each direction (up/down, left/right, front/back 45°)
Ambient Temperature Range	Usage: +5°C to +40°C Storage: -15°C to +65°C (ensure that there is no condensation or freezing)
Ambient Humidity Range	20 to 85% (ensure that there is no condensation or freezing)
Weight	750g (does not include AC adapter or head)
Accessories	AC adapter, foot switch, protective goggles, user manual

Head

Model Name	AC8361 (Standard Head)	AC8365 (Compact Head) ^{*1}
Wavelength	365nm (385nm is also available)	
Allowable Cable Bending Radius	30mm	
Materials	Copper, aluminum alloy, glass	
Weight	150g (does not include attachment fixture)	

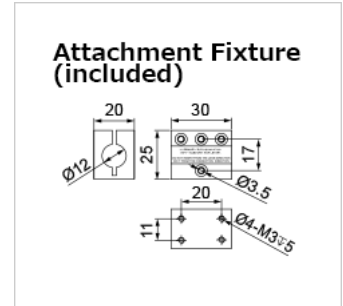
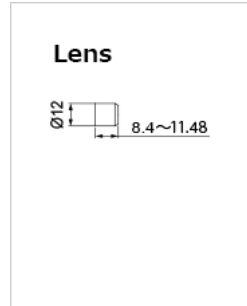
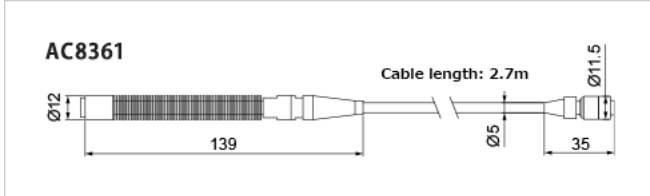
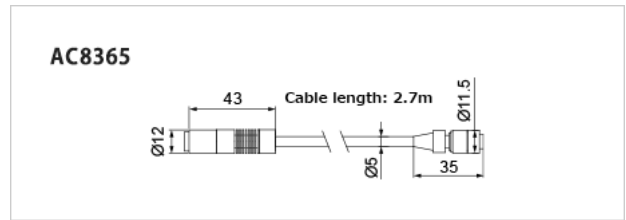
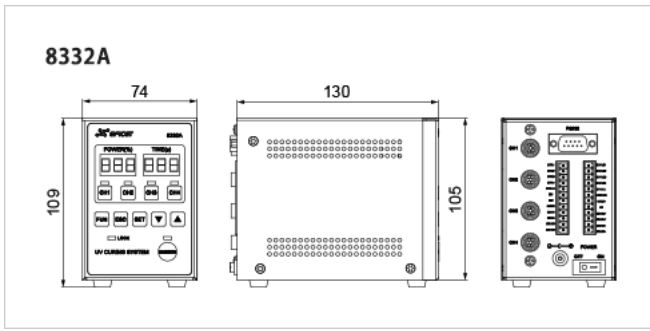
*1 When fastening the Compact Head, please use the included attachment fixture.

Spotlight Lens

Model Name	AC8303	AC8304	AC8306	AC8308	AC8310	AC8312
Spotlight Diameter	Ø3mm	Ø4mm	Ø6mm	Ø8mm	Ø10mm	Ø12mm
Irradiation Distance	9~11mm	11~13mm	16~18mm	22~24mm	32~34mm	35~37mm
Maximum Irradiance ^{*2}	11,000mW/cm ²	9,200mW/cm ²	4,000mW/cm ²	2,300mW/cm ²	1,300mW/cm ²	900mW/cm ²
Materials	Aluminum alloy, glass					

*2 Values measured using 100% dimming, with attachment fixture being used, under measurement conditions determined by our company (not guaranteed values).

● External Dimensional Diagram (mm)



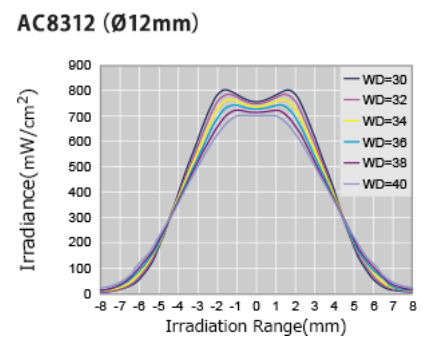
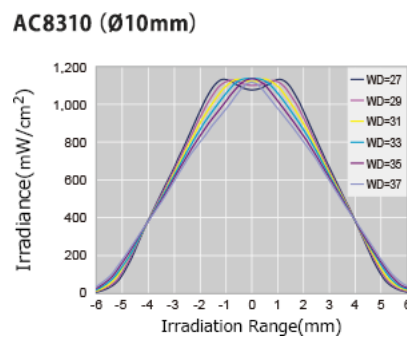
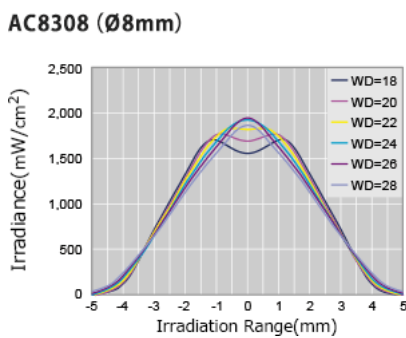
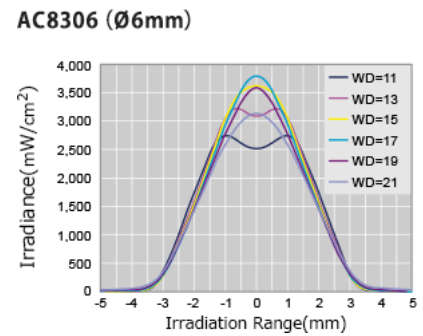
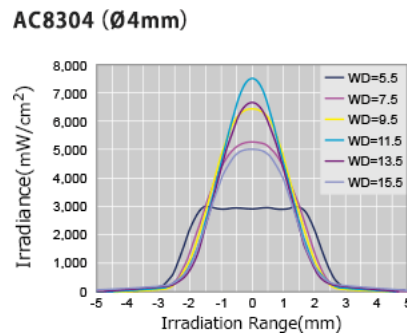
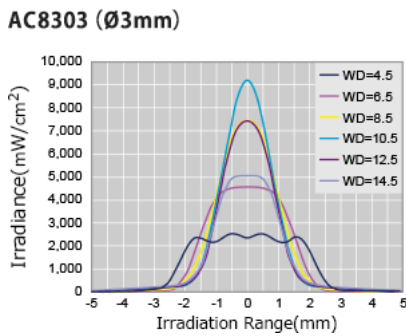
● **Irradiance Profile** (representative example)

Spotlight Lens Line-Type Lens

*WD indicates the distance from the lens edge surface to the work sample

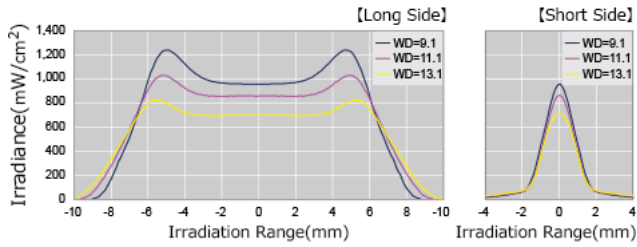
*Values measured using 100% dimming, with attachment fixture being used, under measurement conditions

Spotlight Lens

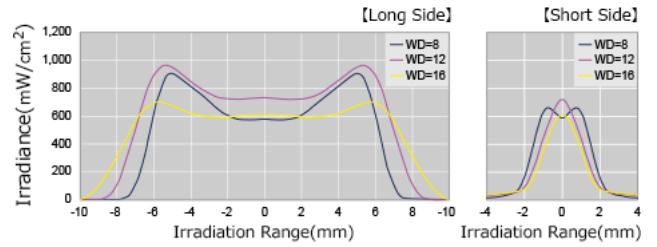


Line-Type Lens

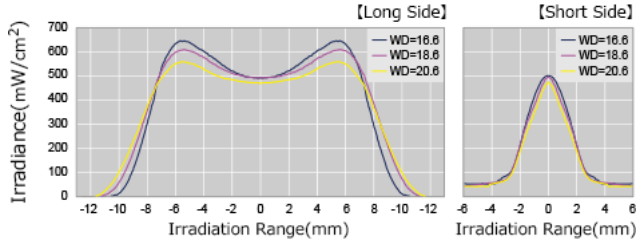
AC8341 (3mm×16mm)



AC8342 (3.5mm×13mm)



AC8343 (5mm×16mm)



The warranty conditions for this product differ from those for CCS manufactured products.
For more details please contact a CCS sales representative.